

What is Claimed is:

1. A method of maintaining cells in a selected redox state comprising contacting cells with a redox clamping agent which maintains the cells in a selected redox state.
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2. A method of sensitizing selected cells to a chemotherapeutic agent known to induce a stress response in cells comprising contacting selected cells with a chemotherapeutic agent (known to induce a stress response in cells in combination with a redox clamping agent.
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3. A method of treating cancer in a patient comprising administering to a patient a chemotherapeutic agent known to induce a stress response in cancer cells in combination with a redox clamping agent.
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4. A method of inhibiting hyperproliferation of cells comprising contacting cells with a redox clamping agent so that the cells are maintained in a redox state that is not consistent with cell proliferation.
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5. A method of stabilizing the redox state of cells with abnormal fluctuations in their redox state comprising contacting cells with a redox clamping agent which maintains the cells in a selected redox state.

202020" SEPT 660